AVP 260 Color Grading, Correction and Continuity

Course Description: A course on techniques for color correction and color grading. Topics include: balance and continuity, and creating emotional and special effect.

Prerequisites(s): AVP 220 (minimum grade C) **Corequisite(s):** No corequisite

Lecture Hours: 1	Lab Hours: 2	Credit Hours: 2
Lab Fee: 70	Supplemental Fee: 0	Purpose:
☐ Transfer Assurance Guide Course (TAG)	☐ Transfer Module Course (TM)	
Course Format: Lec/Lab	Grading: A/B/C/D/F/I	
Delivery Method: □ Web	□ Hybrid	X Classroom
Semesters Offered: X Fall	X Spring	X Summer

Course Primary Text:

Title: Lecture Notes From Instructor	Edition:
Author(s):	

Supplemental Materials:

7200 RPM Portable Hard Drive that is USB 2.0, Firewire 400, or Firewire 800 compatible

Course Outcomes:

As the market for digital cinema cameras continues to release formats with increased sensor sizes, dynamic range, and post flexibility, the need for color grading is becoming imperative. As a result, the final aesthetic for digital content is no longer the sole responsibility of production; colorists work seamlessly with art directors and directors of photography in order to achieve the content's desired look.
An educated colorist understands the limitations of camera formats: color bit-depth, color sampling, dynamic range, and compression algorithms all contribute to post flexibility. It is also important for colorists to apply an appropriate grade in relation to the environment in which a scene was shot.
Because color grading should be defended by concepts and theory, this class will not permit random looks. An amateur can download color-grading software and apply Instagram style looks, but only professionals can consistently create appropriate grades. Any individual can create an interesting look on a single image. The true test of a colorist's experience emerges when he/she is asked to translate a grade to the next shot with completely different characteristics while making the sequence match. In an ideal world, colorists work with footage under similar lighting conditions, but this type of idealism is useless in post-production. Post-production often corrects the mistakes of production. This gives credence to the aphorism, "fix it in post."
By the end of the class, students should be able to utilize scopes in order to assess the characteristics of a given clip. Information presented in the scopes will assist the colorist in making color-grading decisions. Students will be able to effectively distribute color and contrast in order to seamlessly match clips from scene to scene. As the semester progresses, students will be able to isolate specific portions of the image in order to make finely tuned corrections. These adjustments include vignettes, HSL keys, curve adjustments

and shape tracking. By utilizing primary and secondary corrections, students will be able to match a sequence of shots. Finally, the colorist will be able to render a harmonious scene that does not distract the audience upon reviewing the content.

Course Topics:

Week 1	Introduction, Contrast and Color Class 1- 1. Introduction 2. Discuss Final Project 3. Copy Assets to Personal Storage 4. Introduce Resolve 5. Contrast (lift, gamma, gain vs. curves) Class 2- 1. Discuss Final Project Treatments (Three Per Group) 2. Contrast (Continued) 3. Lab 1 (Contrast)
Week 2	Color and Time of Day Class 3- 1. Discuss 1st Draft of Script 2. Review Contrast (if necessary) 3. Color Balancing (Lift, Gamma, Gain vs. Curves. vs. Temperature/Tint) 4. Lab 2 (Color Balancing) Class 4- 1. Discuss 2nd Draft of Script 2. Review Color Balancing (if necessary) 3. Contrast and Color in Relation to Time of Day 4. Lab 3 (Time of Day)
Week 3	Introduction to Secondary Corrections Class 5- 1. Discuss Final Draft of Script 2. Review Time of Day (if necessary) 3. Basic Shapes Class 6- 1. Review Basic Shapes (if necessary) 2. Unique Shapes
Week 4	HSL/Keyframing Class 7- 1. Review Shapes (if necessary) 2. HSL Keying Class 8- 1. Review HSL Keying 2. Combining HSL Keys with Shapes 3. Lab 4 (Secondary Corrections)
Week 5	Animating Corrections and Scene Matching Class 9- 1. Review HSL Keying and Shapes (if necessary) 2. Keyframing and Tracking Class 10- 1. Review Keyframing and Tracking (if necessary)

	2. Scene Cut Detection 3. Scene Matching 4. Lab 5 (Scene Matching)
Week 6	Combining Primary and Secondary Corrections in a Scene Class 11- 1. Quality Control and Broadcast Safe 2. Lab 6 (Leverage) Class 12- 1. Lab 7 (Round Trip Workflow) 2. First Cut of Final Project 3. Review
Week 7	Final Projects Class 13- 1. First Pass of Color 2. Review Class 14- 1. Present Final Projects 2. Final Exam

Methods of Evaluation/Assessment

Quizzes - 20 points
Labs - 20 points
Homework - 20 points
Midterm/Final Exam - 50 points
Final Project - 100 points

Grading Scale

100 - 90% - A
89 - 80% - B
79 - 70% - C
69 - 60% - D
59 - 00% - F

Attendance/Grading Policy:

Students are required to attend all class meetings and to come prepared for class. A reduction in your final grade will be as follows with unapproved absences:
2 missed class session -10%
3 missed class sessions -20%
4 class sessions will result in a failing grade
Attendance will be taken at the beginning of every class. If you are more than 20 minutes late for class you will be counted as absent.

Essential Knowledge

• Students will not be permitted to make up any tests/quizzes or submit assignments for unapproved absences.

• Students are required to inform instructor if they will not be attending class or will be late due to an emergency situation. Late assignments/exercises will not be accepted for unapproved absences.
• Documentation may be requested for approved absences.
• Arrangements to turn in work due during class missed because of an approved absence will be dealt with on a case-by-case basis. It is the student's responsibility to make these arrangements.
• Having to work is not an excuse. If your work schedule does not permit you to attend class, please drop the course and take it when it is a priority.
• Plagiarism/cheating will not be tolerated. Any individual caught cheating will receive a failing grade for the course. Students will be reported to the Division Dean and will be asked to meet immediately with their academic advisor.
Definition- Plagiarize: to steal or pass off as one's own (the idea or words of another); use (a created production) without crediting the source; to commit literary theft; present as new and original an idea or product derived from an existing source (Webster's Third New International Dictionary of the English Language, Unabridged, p. 1728)
• The instructor reserves the right to modify or adjust the syllabus and assignment sheet anytime throughout the course.